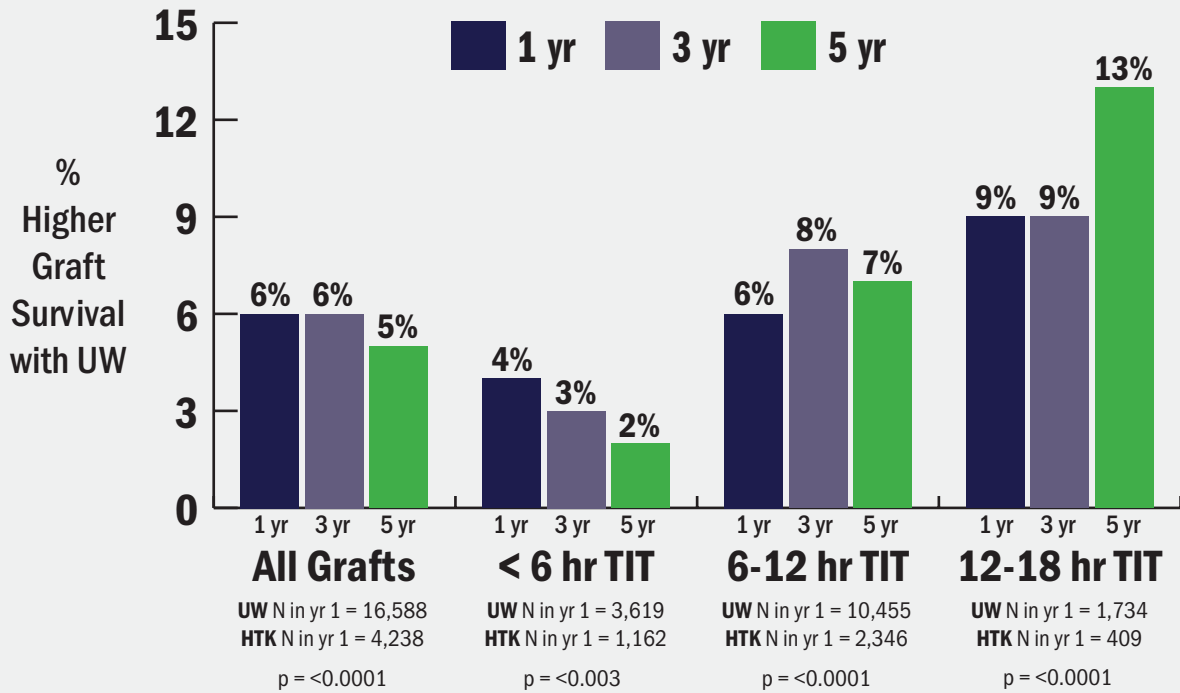


Better Liver Graft Survival with UW versus HTK

Better Liver Graft Survival with UW versus HTK by Total Ischemia Time (TIT)



As total ischemia time increases, the better graft survival % with UW Cold Storage Solution versus HTK becomes greater, with a 13% difference in 5-year survival rate with a 12–18 hours TIT.

Study of Liver Transplants in Europe—Results from 42,869 first liver transplantations performed in Europe between 2003 and 2012 from the European Liver Transplant Registry (ELTR) database were studied.

Adam, R., et al, Compared Efficacy of Preservation Solutions in Liver Transplantation: A Long-Term Graft Outcome Study From the European Liver Transplant Registry. *American Journal of Transplantation* 2015; 15: 395-406

THE DIFFERENCE MATTERS

Study of Liver Transplants in the United States — Results Similar to those Found in Europe

Another study analyzed the UNOS database of liver transplants in the United States, 12,673 with UW Cold Storage Solution and 4,755 with HTK. The authors concluded that **“After adjusting for donor, recipient, and graft factors that affect graft survival, HTK preservation was associated with**

- **an increased risk of graft loss (HR 1.14, p = 0.002)**
- **especially with DCD allografts (HR 1.44, p = 0.025)**
- **and those with cold ischemia time over 8 hours (HR 1.16, p = 0.009)”**

Source: Z. A. Stewart, A. M. Cameron, A. L. Singer, R. A. Montgomery, and D. L. Segev, Department of Surgery, The Johns Hopkins University School of Medicine. Histidine-Tryptophan-Ketoglutarate (HTK) Is Associated with Reduced Graft Survival in Deceased Donor Livers, Especially Those Donated After Cardiac Death, *American Journal of Transplantation* 2009; 9: 286–293

THE DIFFERENCE MATTERS

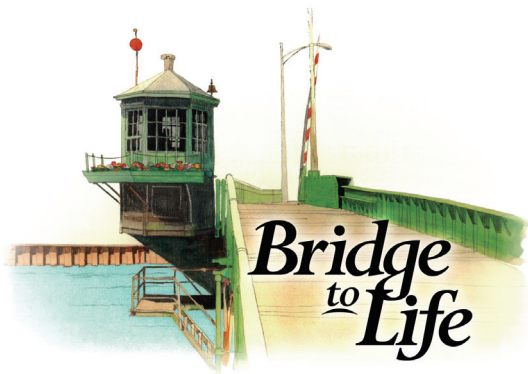
It matters.....to the recipient to receive a graft with the best retention prospect.

It matters.....to the transplant team to get the best results possible.

It matters.....to the donor family to know their gift is given the best care.

It matters.....to the hospital to save costs by reducing re-transplant numbers

It matters.....to those on waiting lists who may miss out on an organ because it is needed for a re-transplant.



Belzer UW® Cold Storage Solution (UW Solution)

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